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PATENT  
P57046

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

WON-KYU BANG, *et al.*

Serial No.: 10/820,696

Examiner: *to be assigned*

Filed: 9 April 2004

Art Unit: *to be assigned*

For: DISPLAY APPARATUS HAVING IMPROVED HEAT DISSIPATION  
CAPABILITIES

**INFORMATION DISCLOSURE STATEMENT**

**Mail Stop: Application Number**

Commissioner for Patents

P.O.Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**FOREIGN PATENT REFERENCE(S):**

- Korean Patent Publication No. 1020000011358 A to Hurukawa, *et al.*, entitled *HEAT RADIATION APPARATUS FOR ELECTRONIC DEVICE*, published on 25 February 2000.

Folio: P57046

Date: 6/1/05

I.D.: REB/ny

### **OTHER DOCUMENT**

- *Office Action* from the Korean Industrial Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0060751 dated 25 March 2005 (English translation is attached).

### **DISCUSSION**

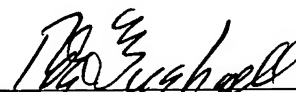
As written in the Office action issued by the Korean Industrial Property Office on the 25 March 2005 in applicant's corresponding Korean Patent Application corresponding to applicant's above-captioned U.S. Patent Application, **Hurukawa'KR358** discloses that the heat radiation apparatus is installed in an electronic device, and radiates the heat generated in an electronic component arranged in the housing of the electronic device to the outside of the housing. An open aperture for radiation is formed on the main wall of the housing, and a heat radiator is arranged inside the housing. The heat radiator comprises a metallic body having a heat pipe portion and a heat radiation fin which is attached around the open aperture, being faced with the open aperture. A heat generation component such as a CPU is contacted to a part away from the part where the heat radiation fin of the metallic body is attached.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Pursuant to 37 CFR § 1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three(3) months prior to the filing of the statement.

No fee is incurred by this Statement.

Respectfully submitted,



Robert E. Bushnell

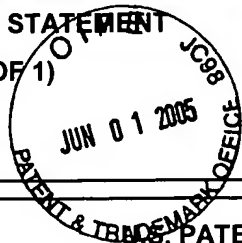
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Date: 1 June 2005  
I.D.: REB/ny

# INFORMATION DISCLOSURE STATEMENT

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DOCKET NO. P57046

APPLICANT

WON-KYU BANG, *et al.*

FILING DATE 9 April 2004

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	KR 1020000011358A	2/00	Republic of Korea			Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	Office Action from the Korean Industrial Property Office issued in Applicant's corresponding Korean Patent Application No. 10-2003-0060751 dated 25 March 2005 (English translation is attached)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.